BAY STATE GAS - GAS PROGRAM B/C MODEL
RESIDENTIAL CUSTOM MEASURES PROGRAM
3-YEAR DSM PROGRAM PLAN - UPDATED AVOIDED COSTS & DISCOUNT RATE

PROGRAM ASSUMPTIONS	ECONOMIC ASSUMPTIONS	•														
Program Life 3 Yrs. Measure Life 15 Yrs.	General Inflation Nominal Discount Rate	2.500% 5.190%	Forecast of the 1/2/03 30-Year T-Bond rate, equal to the year-w	ne 1/2/03 30-1	rear T-Bond r	ate, equal to	the year-we	eighted avera	ne ask vield	in 8/13/02 W	/all Street To	imal for requi	ilar T-bonde r	naturing mor	eighted average ack vield in 8/13/02 Wall Street Tournal for regular T-bonds maturing more than 20 years	ř
(NOTE: 1 therm = 100,000 btus)		2001	2002	2003	2004	2005	2006	2007	2008	2000	2010	2011	2012	2013	2014	2015
Program Savings Data											-010			2020	1014	2023
Gas Savings - therms																
1. Incremental savings from installations in a particular year -therms	particular year -therms	253,945	298,375	291,727												
2. Cumulative Annual program savings - therms [1]	ns [1]	253,945	552,320	844,047	844,047	844,047	844,047	844,047	844,047	844,047	844,047	844,047	844,047	844,047	844,047	844,047
Program Benefits	NPV Program															
	Benefits (2000 \$'s)															
3. Avoided Gas Supply Costs [2]	\$4,996,602	\$123,385	\$273,880	\$430,893	\$434,885	\$445,757	\$456,901	\$468,324	\$480,032	\$492,033	\$504,334	\$519,245	\$535,766	\$552,789	\$570,328	\$587,128
4. Additional Quantifiable Benefits	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$	\$0	\$0	\$0	\$0	\$0
5. Total Program Benefits	\$4,996,602	\$123,385	\$273,880	\$430,893	\$434,885	\$445,757	\$456,901	\$468,324	\$480.032	\$492.033	\$504.334	\$519 745	\$535 766	\$557 789	805 025\$	\$587 128
	-													7	-	
Program Costs	NPV Program															
Utility Costs	Costs (2000 \$'s)															
6. Program Design, Admin., and Marketing	\$210,032	\$70,000	\$76,000	\$75,000	\$0	\$	\$0	\$0	\$0	\$0	\$	ŝ	s	ŝ	ŝ	ŝ
7. Program Evaluation	\$22,835	\$8,000	\$8,000	\$8,000	\$0	\$	\$0	\$0	\$0	\$0	\$0	\$0	\$ 0	\$ 1	\$ 1	\$
8. Customer/Contractor Rebates	\$1,213,038	\$393,500	\$444,790	\$438,940	\$0	\$	\$0	\$0	\$0	\$0	\$0	\$	\$	s :	\$ 1	ŝ
9. Lost Base Revenue (allocated to this program)	m) \$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$	\$0	\$0	\$0	\$0	\$0
10. Direct Utility Costs	\$1,445,906	\$471,500	\$528,790	\$521,940	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Participant Costs 11. Incremental Customer Costs (less any program rebate)	\$709,568	\$222,044	\$265,750	\$259,900	\$0	\$0	\$0	\$0	\$0	\$0	\$	\$6	\$0	\$ 0	\$0 :	\$0
Total Program Costs																
12. Total Utility & Participant Costs	\$2,155,473	\$693,544	\$794,540	\$781,840	\$0	\$0	\$0	0.8	\$0	\$0	\$0	so	ŝ	ŝ	ŝ	\$0

Screening Results

13. Total Resource Cost Test

2.32 Line 5 divided by line 12

Notes: [1] Due to the measure life, end effects of savings are calculated and accounted for beyond 2014 but are not shown above.

^[2] Source: 12/6/01 Avoided Gas Supply Costs Study UPDATE - Resource Insight, Inc.

BAY STATE GAS - GAS PROGRAM B/C MODEL TUMBLEWASH REBATE PROGRAM

2015

3-YEAR DSM PROGRAM PLAN - UPDATED AVOIDED COSTS & DISCOUNT RATE

14. Total Utility & Participant Costs PROGRAM ASSUMPTIONS Incremental Customer Costs 12. Direct Utility Costs Lost Base Revenue (allocated to this program) 10. Customer/Contractor Rebates Program Evaluation NOTE: 1 therm = 100,000 btus)

Program Savings Data 8. Program Design, Admin., and Marketing 7. Total Program Benefits 6. Avoided Water Costs [3] 5. Avoided Gas Supply Costs [2] 4. Cumulative Annual program savings - 000 gals [1] 3. Incremental savings from installations in a particular year - 000 gals Cumulative Annual program savings - therms [1] Incremental savings from installations in a particular year -therms Total Program Costs (less any program rebate) Participant Costs Utility Costs Program Costs Gas Savings - therms Water Savings - 000 gallons 3 Yrs. Nominal Discount Rate General Inflation **ECONOMIC ASSUMPTIONS** NPV Program Benefits (2000 \$'s) Costs (2001 \$'s) NPV Program \$3,914,334 \$3,664,573 \$9,500,270 \$7,454,967 \$2,045,302 \$249,761 \$205,517 \$24,263 \$19,981 \$327,042 \$239,542 \$72,000 5.190% \$30,159 \$25,019 \$87,500 2.500% \$8,500 10,580 10,580 \$7,000 \$5,140 4,906 4,906 2001 Forecast of the 1/2/03 30-Year T-Bond rate, equal to the year-weighted average ask yield in 8/13/02 Wall Street Journal for regular T-bonds maturing more than 20 years \$315,556 \$228,056 \$72,000 \$87,500 12,397 22,977 \$8,500 \$7,000 \$65,728 \$54,334 5,748 10,654 2002 \$188,285 \$275,785 \$104,321 \$87,500 \$72,000 \$8,500 \$7,000 \$85,799 \$18,522 6,169 16,823 13,305 36,282 2003 \$493,952 \$493,952 \$179,890 \$147,707 \$32,183 12,139 28,962 26,179 62,462 2004 \$ 6 \$ 6 \$578,357 \$578,357 \$244,356 \$298,928 \$54,572 40,871 103,332 18,951 47,913 2005 \$ \$ \$ \$ \$655,208 \$655,208 \$375,746 \$461,759 55,562 158,894 \$86,013 25,763 73,676 2006 \$ \$0 \$0 \$126,135 \$645,619 \$537,580 \$645,619 \$663,715 68,436 227,329 31,732 105,408 2007 \$ \$ \$ \$ \$905,389 \$1,123,126 \$1,208,967 \$1,216,176 \$1,224,165 \$1,232,396 \$1,240,877 \$1,216,622 \$175,531 \$767,071 \$767,071 \$729,858 81,310 308,639 37,702 143,109 2008 \$ 8 8 8 \$682,809 \$901,015 \$222,112 33,560 176,670 \$682,809 72,378 381,017 2009 \$0 \$ 50 50 \$965,107 \$243,859 \$255,690 \$255,690 12,567 189,237 27,103 408,120 2010 \$0 \$ 50 \$ \$965,107 \$251,069 408,120 189,237 2011 \$ 8 \$ \$ \$ \$ \$965,107 \$259,058 189,237 408,120 2012 \$ 8 \$ \$ \$ \$ \$965,107 \$267,289 189,237 408,120 2013 8 8 \$ 8 8 8 \$965,107 \$275,769 408,120 189,237 2014 8 8 8 \$ 5 5 5 \$940,089 397,540 184,331

15. Total Resource Cost Test

2.43

Line 7 divided by line 14

8

\$

\$ \$ \$ \$

Notes: [1] Due to the measure life, end effects of savings are calculated and accounted for beyond 2014 but are not shown above

^[2] Source: 12/6/01 Avoided Gas Supply Costs Study UPDATE - Resource Insight, Inc.

^[3] Source: Regional Tumble Wash Study - NEEP 2000

BAY STATE GAS - GAS PROGRAM B/C MODEL

10W INCOME CUSTOM MEASURES PROGRAM

3-YEAR DSM PROGRAM PLAN - UPDATED AVOIDED COSTS & DISCOUNT RATE

PROGRAM ASSUMPTIONS Program Life 3 Yrs. Measure Life 15 Yrs.	ECONOMIC ASSUMPTIONS General Inflation Nominal Discount Rate	2.500% 5.190%	Forecast of the 1/2/03 30-Year T-Bond rate, equal to the year-weighted average ask yield in 8/13/02 Wall Street Journal for regular T-bonds maturing more than 20 years	e 1/2/03 30-	Year T-Bond	rate, equal t	o the year-w	reighted aver	age ask yield	l in 8/13/02 \	Vall Street Jo	urnal for reg	ular T-bonds	maturing mo	re than 20 ye	ars
m = 100 000 htus)		2001	cooc	2003	7006	3005	2006	7007	2006	3000	2010	3011	2042	2013	2014	2015
Program Savings Data Gas Savings - therms					-			-								
1. Incremental savings from installations in a particular year -therms	articular year -therms	289,267	289,794	289,794					;					,		
2. Cumulative Annual program savings - therms [1]	s[1]	289,267	579,061	868,854	868,854	868,854	868,854	868,854	868,854	868,854	868,854	868,854	868,854	868,854	868,854	868,854
Program Benefits	NPV Program															
3. Avoided Gas Supply Costs [2]	\$5,149,124	\$140,547	\$287,140	\$443,557	\$447,667	\$458,859	\$458,859 \$470,330	\$482,088	\$494,141	\$506,494	\$519,156	\$534,506	\$551,513	\$569,036	\$587,091	\$604,384
4. Additional Quantifiable Benefits	\$0	\$0	\$0	\$0	 \$ 0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Total Program Benefits	\$5,149,124	\$140,547	\$287,140	\$443,557	\$447,667	\$458,859	\$470,330	\$482,088	\$494,141	\$506,494	\$519,156	\$534,506	\$551,513	\$569,036	\$587,091	\$604,384
Program Costs	NPV Program															
Utility Costs	Costs (2000 \$'s)															
6. Program Design, Admin., and Marketing	\$354,948	\$125,000	\$124,000	\$124,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7. Program Evaluation	\$42,816	\$15,000	\$15,000	\$15,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8. Customer/Contractor Rebates	\$2,099,850	\$735,000	\$736,000	\$736,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Lost Base Revenue (allocated to this program)	n) \$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10. Direct Utility Costs	\$2,497,614	\$875,000	\$875,000	\$875,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Participant Costs 11. Incremental Customer Costs (less any program rebate)	\$0	\$0	\$0	\$0	\$0	\$0	\$ 0	\$	\$0	\$0	\$0	\$ 0	\$0	\$0	\$0	\$ 0
Total Program Costs					-											
12. Total Utility & Participant Costs	\$2,497,614	\$875,000	\$875,000	\$875,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

13. Total Resource Cost Test Screening Results

2.06 Line 5 divided by line 12

Notes: [1] Due to the measure life, end effects of savings are calculated and accounted for beyond 2014 but are not shown above.

^[2] Source: 12/6/01 Avoided Gas Supply Costs Study UPDATE - Resource Insight, Inc.

BAY STATE GAS - GAS PROGRAM B/C MODEL

MULTIFAMILY CUSTOM MEASURES PROGRAM

3-YEAR DSM PROGRAM PLAN - UPDATED AVOIDED COSTS & DISCOUNT RATE

9. Lost Base Revenue (allocated to this program) 9. Lost Base Revenue (allocated to this program) 9. Direct Utility Costs 93,099,497 **Participant Costs** 11. Incremental Customer Costs (less any program rebate) **Total Program Costs**	i (a ocated to this program)	(a located to this program)	(allocated to this program)			7. Program Evaluation \$45,671	6. Program Design, Admin., and Marketing \$341,626	Utility Costs (2000 \$'s)	Program Costs NPV Program	5. Total Program Benefits \$8,065,558	4. Additional Quantifiable Benefits \$0	3. Avoided Gas Supply Costs [2] \$8,065,558	Program Benefits NPV Program Benefits (2000 § 5)	 Incremental savings from installations in a particular year -therms Cumulative Annual program savings - therms [1] 	Gas Savings - therms	(NOTE: 1 therm = 100,000 btus) Program Savings Data	s. rs.	PROGRAM ASSUMPTIONS ECONOMIC ASSUMPTIONS
		\$2,282,640 \$799,687	\$3,099,497 \$1,086,177	\$0	\$950,177	\$16,000	5 \$120,000			8 \$189,432	0 \$0	8 \$189,432	~ •	3 89,880 389,880		2001	2.500% 5.190%	NS
		\$799,687	\$1,086,177 \$1,085,177	\$0	\$950,177	\$16,000	\$120,000			\$386,661	\$0	\$386,661		389,880 779,760		ı		
£1 00F 064 £1 004 064		\$799,687 \$799,687	\$1,085,177	\$0	\$950,177	\$16,000	\$119,000			\$597,111	\$0	\$597,111		389,880 1,169,640		2003	Forecast of the 1/2/03 30-Year T-Bond rate, equal to the year-weighted average ask yield in 8/13/02 Wall Street Journal for regular T-bonds maturing more than 20 years	
ŝ		\$0	\$0	\$0	\$0	\$0	\$0			\$602,643	\$0	\$602,643		1,169,640 1,169,640 1,169,640		2004	Year T-Bond r	
ŝ		\$0	\$0	\$0	\$0	\$0	\$0			\$617,709	\$0	\$617,709		- 1,169,640		2005	rate, equal to	
ŝ		\$0	\$0	\$0	\$0	\$0	\$0			\$633,152	\$0	\$633,152		- 1,169,640		2006	the year-we	
ŝ		\$	\$0	\$0	\$0	. \$0	\$0	_		\$648,981	\$0	\$648,981		1,169,640		2007	ighted avera	
ŝ		\$0	\$0	\$0	\$0	\$0	\$0			\$665,205	\$0	\$665,205		- 1,169,640		2008	ige ask yield	
ŝ		\$ 0	\$0	\$0	\$0	\$0	\$0			\$681,836	\$0	\$681,836		- 1,169,640		2009	in 8/13/02 \	
*		\$ 0	\$0	\$0	\$0	\$0	\$0			\$698,881	\$0	\$698,881		1,169,640		2010	Vall Street Jo	
s		\$0	\$0	\$0	\$0	\$0	\$0			\$719,544	\$0	\$719,544		1,169,640 1,169,640 1,169,640 1,169,640		2011	urnal for reg	
3		\$ 0	\$0	\$0	\$0	\$0	\$0			\$742,439	\$0	\$742,439				2012	ular T-bonds	
3		\$0	\$6	\$0	\$	\$6	\$0			\$766,029	\$0	\$766,029		1,169,640		2013	maturing mo	
ŝ		\$0	\$0	\$0	\$0	\$0	\$0			\$790,334	\$0	\$790,334		- 1,169,640		2014	re than 20 y	
ŝ		\$ 0	\$0	\$0	\$0	\$0	\$0			\$813,614	\$ 0	\$813,614		1,169,640		2015	ears	

13. Total Resource Cost Test Screening Results

1.50 Line 5 divided by line 12

Notes: [1] Due to the measure life, end effects of savings are calculated and accounted for beyond 2014 but are not shown above. [2] Source: 12/6/01 Avoided Gas Supply Costs Study UPDATE - Resource Insight, Inc.

BAY STATE GAS - GAS PROGRAM B/C MODEL

SMALL COMMERCIAL/INDUSTRIAL CUSTOM MEASURES PROGRAM

3-YEAR DSM PROGRAM PLAN - UPDATED AVOIDED COSTS & DISCOUNT RATE

12. Total Utility & Participant Costs	Total Program Costs	Participant Costs 11. Incremental Customer Costs (less any program rebate)	10. Direct Utility Costs	9. Lost Base Revenue	8. Customer/Contractor Rebates	7. Program Evaluation	6. Program Design, Admin., and Marketing	Utility Costs	Program Costs	5. Total Program Benefits	4. Additional Quantifiable Benefits	3. Avoided Gas Supply Costs [2]	Program Benefits	 Incremental saving Cumulative Annual 	Gas Savings - therms	(NOTE: 1 therm = 100,000 btus)	Measure Life	Program Life	PROGRAM ASSUMPTIONS
ipant Costs	sts	ner Costs ebate)		9. Lost Base Revenue (allocated to this program)	or Rebates	_	lmin., and Marketing			enefits	tifiable Benefits	ply Costs [2]	8	Incremental savings from installations in a particular year -therms Cumulative Annual program savings - therms [1]	erms	00 btus)	16 Yrs.	3 Yrs.	
\$4,647,837		\$1,832,459	\$2,815,378	\$0	\$2,446,158	\$48,525	\$320,695	Costs (2000 \$'s)	NPV Program	56,890,841	\$0	\$6,890,841	NPV Program Benefits (2000 \$'s)	articular year -therms [1]			Nominal Discount Rate	General Inflation	ECONOMIC ASSUMPTIONS
\$4,647,837 \$1,639,584		\$647,292	\$992,292	\$0	\$862,292	\$17,000	\$113,000			\$180,570	\$0	\$180,570		371,640 371,640		2001	5.190%	2.500%	S
\$1,628,304 \$1,615,800		\$642,152	\$986,152	\$0	\$857,152	\$17,000	\$112,000			\$366,085	\$0	\$366,085		366,625 738,265		2002	Forecast of t		
\$1,615,800		\$635,900	\$979,900	\$0	\$850,900	\$17,000	\$112,000			\$562,211	\$0	\$562,211		363,012 1,101,277 1,101,277 1,101,277 1,101,277		2003	Forecast of the 1/2/03 30-Year T-Bond rate, equal to the year-weighted average ask yield in 8/13/02 Wall Street Journal for regular T-bonds maturing more than 20 years		
\$0		\$0	\$0	\$0	\$0	\$0	\$0			\$567,420	\$0	\$567,420		1,101,277 1	_	2004	Year T-Bond ra		
\$0		\$0	\$0	\$0	\$0	\$0	\$0			\$581,605	\$0	\$581,605		,101,277 1		2005	ate, equal to		
\$0		\$0	\$0	\$0	\$0	\$0	\$0			\$596,146	\$0	\$596,146		1,101,277		2006	the year-we		
\$0		\$0	\$0	\$0	\$0	\$0	\$0			\$611,049	\$0	\$611,049		1,101,277		2007	eighted avera		
\$0		\$0	\$0	\$0	\$0	\$0	\$0			\$626,325	\$0	\$626,325		- 1,101,277		2008	ge ask yield		
\$0		\$0	\$0	\$0	\$0	\$0	\$0			\$641,984	\$0	\$641,984		- 1,101,277		2009	in 8/13/02 W		
\$0		\$6	\$0	\$0	\$0	\$0	\$0			\$658,033	\$0	\$658,033		1,101,277		2010	all Street Jo		
\$0		\$ 0	\$0	\$0	\$0	\$0	\$0			\$677,488	\$0	\$677,488		1,101,277		2011	urnal for regu		
\$0		\$0	\$0	\$0	\$0	\$0	\$0			\$699,045	\$0	\$699,045		- 1,101,277		2012	ılar T-bonds		
\$0		\$0	\$0	0 \$	\$0	\$	\$0			\$721,256	\$0	\$721,256		1,101,277 1,101,277 1,101,277 1,101,277 1,101,277 1,101,277 1,101,277 1,101,277		2013	maturing mo		
\$0		\$6	\$0	\$	\$0	\$0	\$0			\$744,140	\$0	\$744,140		1,101,277		2014	re than 20 ye		
\$0		\$0	\$0	\$	\$0	8	\$0			\$766,060	- \$0	\$766,060		1,101,277		2015	ars		

^{13.} Total Resource Cost Test

Screening Results

^{1.48} Line 5 divided by line 12

Notes: [1] Due to the measure life, end effects of savings are calculated and accounted for beyond 2014 but are not shown above.

^[2] Source: 12/6/01 Avoided Gas Supply Costs Study UPDATE - Resource Insight, Inc.

BAY STATE GAS - GAS PROGRAM B/C MODEL

LARGE & MEDIUM COMMERCIAL/INDUSTRIAL CUSTOM MEASURES PROGRAM
3-YEAR DSM PROGRAM PLAN - UPDATED AVOIDED COSTS & DISCOUNT RATE

12. Total Utility & Participant Costs	11. Incremental Customer Costs (less any program rebate) Total Program Costs	10. Direct Utility Costs	Customer/Contractor Rebates Inst Race Revenue (allocated to this program)	 Program Design, Admin., and Marketing Program Evaluation 	Program Costs Utility Costs	5. Total Program Benefits	4. Additional Quantifiable Benefits	3. Avoided Gas Supply Costs [2]	Program Benefits	 Incremental savings from installations in a particular year -therms Cumulative Annual program savings - therms [1] 	Gas Savings - therms	(NOTE: 1 therm = 100,000 btus) Program Savings Data	s. frs.	PROGRAM ASSUMPTIONS E
\$7,029,453 \$2,462,659	\$3,310,636 \$1,159,829	\$3,718,817 \$1,302,829	\$3,310,	\$373,929 	NPV Program Costs (2000 §'s)	\$20,732,197	\$0	\$20,732,197	NPV Program Benefits (2000 \$'s)	ticular year -therms [1]	-		General Inflation Nominal Discount Rate	ECONOMIC ASSUMPTIONS
\$2,462,659	\$1,159,829	\$1,302,829	\$1,159,829	\$131,000 \$12,000		\$600,622	\$0	\$600,622		1,236,172 1,236,172		2001	2.500% 5.190%	8
\$2,462,659 \$2,462,659	\$1,159,829 \$1,159,829	\$0 \$1,302,829 \$1,302,829	\$1	\$131,000 \$131,000 \$12,000 \$17,000		\$1,225,966 \$1,893,227 \$1,910,768 \$1,958,538	\$0 , \$0	\$1,225,966 \$1,893,227 \$1,910,768 \$1,958,538 \$2,007,501		1,236,172 1,236,172 2,472,343 3,708,515 3,708,515 3,708,515 3,708,515		2002 2003	Forecast of the 1/2/03 30-Year T-Bond rate, equal to the year-we	
\$0	\$0	\$0	\$0 \$	\$ \$		1,910,768 \$1	\$0	1,910,768 \$1		,708,515 3,		2004	ear T-Bond ra	
\$0	\$0	\$0	\$0	\$ \$,958,538 \$2	\$0	,958,538 \$2		708,515 3,		2005	te, equal to t	
\$0	\$0	\$0	\$ 5	\$ \$		\$2,007,501 \$2,	\$0					2006	he year-weig	
\$0	\$0	\$0	\$ 8	\$ \$		\$2,057,689 \$2,	\$0	057,689 \$2,		3,708,515 3,7		2007	nted average	
\$0	\$0	\$0	\$ \$	\$ \$		\$2,109,131 \$2,	\$0	109,131 \$2,		3,708,515 3,708,515		2008	ask yield in 8	
\$0	\$0	\$0	\$0 \$0	8 8		\$2,161,859 \$2,7	\$0	161,859 \$2,3		- 08,515 3,7		2009	3/13/02 Wall	
\$0	\$ 0	\$0	\$ 6	\$ \$		\$2,215,906 \$2,2	\$0	215,906 \$2,2		3,708,515 3,7		2010	Street Journa	
\$0	\$0	\$0	\$0 \$0	\$ 50		\$2,281,420 \$2,3	\$0	\$2,057,689 \$2,109,131 \$2,161,859 \$2,215,906 \$2,281,420 \$2,354,011 \$2,428,805 \$2,505,868 \$1,719,788		3,708,515 3,70		2011	ighted average ask yield in 8/13/02 Wall Street Journal for regular T-bonds maturing more than 20 years	
\$0	\$0	\$0	\$0 \$0	\$0		\$2,354,011 \$2,428,805 \$2,505,868 \$1,719,788	\$0	154,011 \$2,4		3,708,515 3,70		2012	T-bonds matu	
\$0	··· \$6······	\$0	\$ 8	\$ \$0		28,805 \$2,5	\$0	128,805 \$2,5		3,708,515 3,70		2013	iring more th	
\$0	\$6	\$0	\$ \$	\$ \$		05,868 \$1,7	\$0	05,868 \$1,7		3,708,515 2,47		1 1	an 20 years	
\$0	\$0	\$0	\$ 8	\$0		19,788	\$0	19,788		- 2,472,343		2015		

2.95 Line 5 divided by line 12

13. Total Resource Cost Test

Screening Results

Notes: [1] Due to the measure life, end effects of savings are calculated and accounted for beyond 2014 but are not shown above.

^[2] Source: 12/6/01 Avoided Gas Supply Costs Study UPDATE - Resource Insight, Inc.